

APICAL

INDUSTRIES, INC.

ENGINEERING CHANGE NOTICE NO. 04679				SHEET 1 OF 1	
DWG NO. 647.1700		REV: C	PREPARED BY: J. BECKER	DATE: 09/10/14	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.
DWG TITLE: SKID DEFLECTOR ASSY					
APPROVED BY:	ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: CURRENT ORDER	

TRANSACTION CODES (TC):
A-ADD C-CREATE
R-REVISE D-DELETE

REASON: REVISED BOM QUANTITY FOR 647.1702.

Superseded

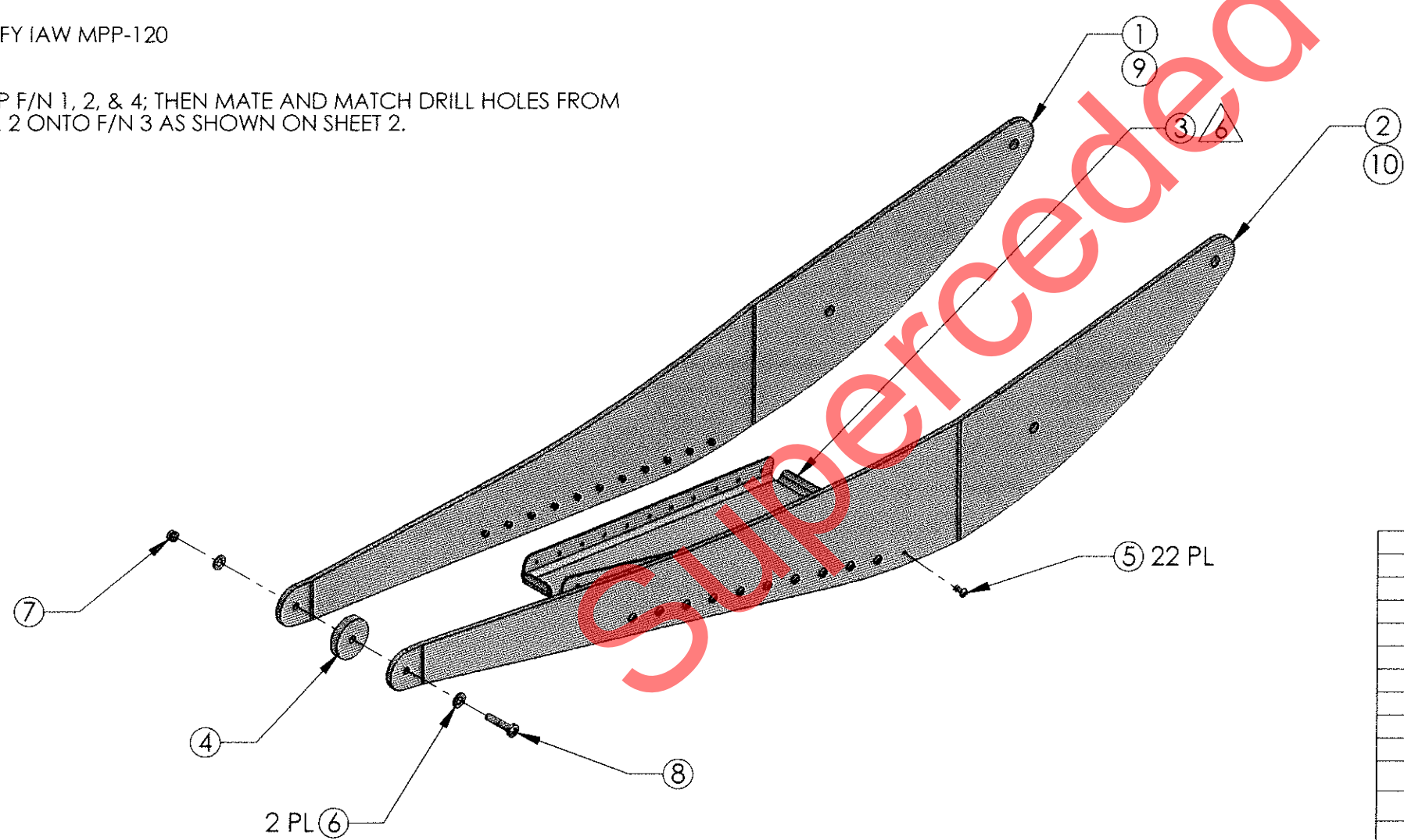
6	R	601.1607	2	2	WASHER	NAS1149F0332P	
5	R	601.1915	22	22	RIVET	CR3213-4-4	
F/N	TC	PART NUMBER	QTY		DESCRIPTION	MATERIAL	SPECIFICATION
			.1702	.1701			
DOCUMENTS EFFECTED:					<input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM		
					CHANGE CATEGORY <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR		DER REVIEW REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE REVISION: PR2		N/C
N/C	INITIAL RELEASE	08/05/09	P. BRAVO
A	INCORPORATED ECN'S 02937 & 03921	06/07/13	P. BRAVO
B	INCORPORATED ECN 03970	07/03/13	P. BRAVO
C	INCORPORATED ECN 04058	08/14/13	P. BRAVO

NOTES:

- 1 MATERIAL: 7075-T6 ALUMINUM PER AMS-QQ-A-250/12
- 2 MATERIAL: 6061-T6 ALUMINUM BAR IAW AMS-QQ-A-250/11
- 3 FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III CLASS 2, COLOR BLACK; PRETREAT PRC-DESOTO PR-148 ADHESION PROMOTER, COLOR BLUE; PRIME IAW MIL-P-23377J TYPE I CLASS N; 1-2 MIL MAX
- 4 DEBURR AND BREAK ALL SHARP EDGES
- 5 IDENTIFY IAW MPP-120
- 6 CLAMP F/N 1, 2, & 4; THEN MATE AND MATCH DRILL HOLES FROM F/N 1 & 2 ONTO F/N 3 AS SHOWN ON SHEET 2.

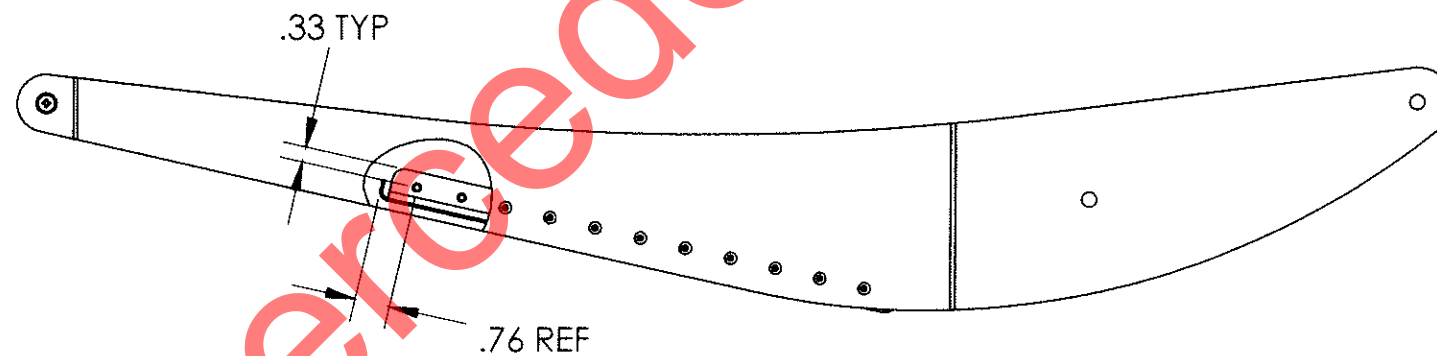
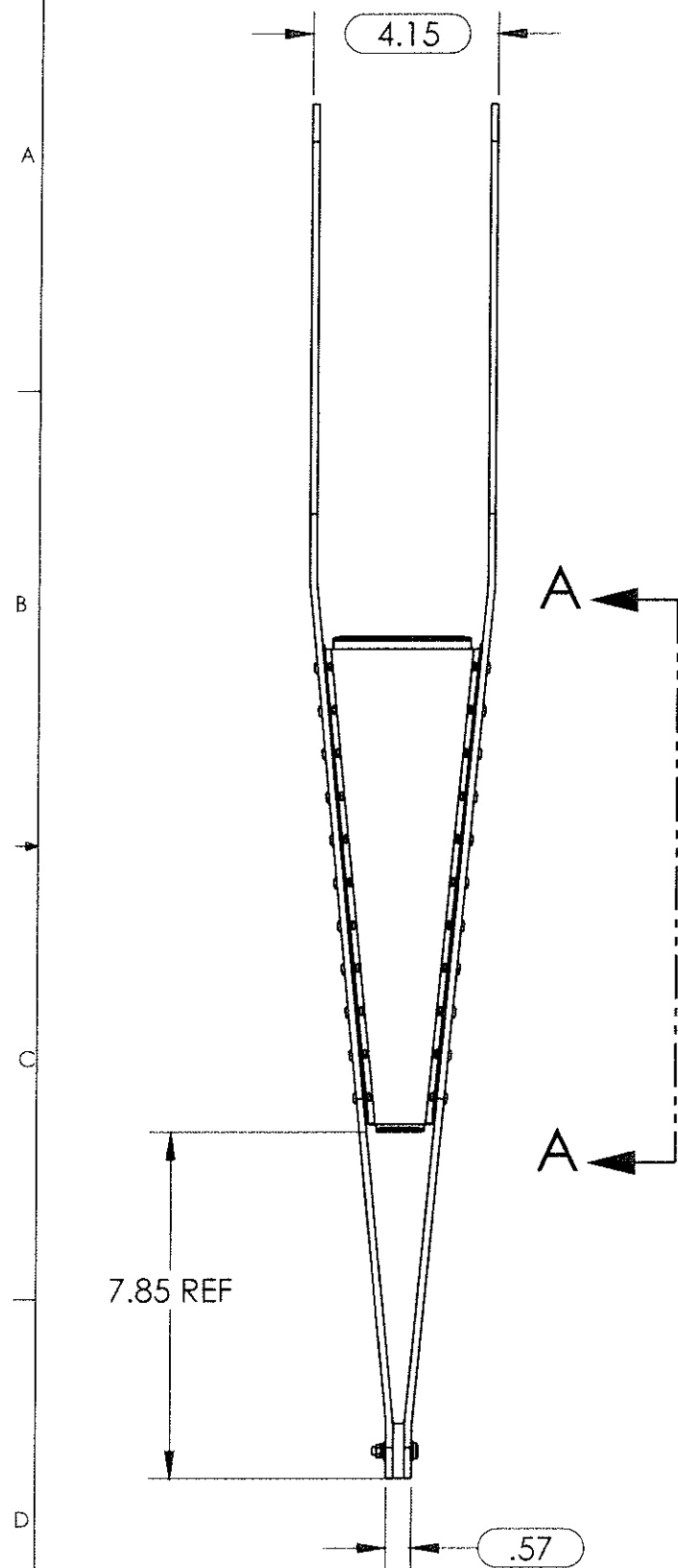


UNINCORPORATED ECN(s)

04679

	1		10	647.1715	PLATE		
	1		9	647.1714	PLATE		
	1	1	8	601.1622	SCREW	MS27039-1-14	
	1	1	7	601.2943	LOCKNUT	MS21042-3	
	1	2	6	601.1607	WASHER	NAS1149F0332P	
	1	22	5	601.1915	RIVET	CR3213-4-4	
	1	1	4	647.1713	SPACER		
	1	1	3	647.1712	GUSSET		
		1	2	647.1711	PLATE		
		1	1	647.1710	PLATE		
	X			647.1702	SKID DEFLECTOR ASSY		
		X		647.1701	SKID DEFLECTOR ASSY		
	.1702	.1701	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.
QTY			PARTS LIST				
NEXT ASSY (S)		ORIGINAL DATE (MO-DA-YR)		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300			
647.1300		DRAWN BY: J. GARDINER CHECKER: P. BRAVO					
		DRAWING APPROVAL P. BRAVO 08/05/99		SKID DEFLECTOR ASSY			
		CONTRACT No.					
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE: C/AGE CODE: DWG. NO. 647.1700			
				B 07M26		REV. C	
				SCALE: NONE		SHEET 1 OF 5	

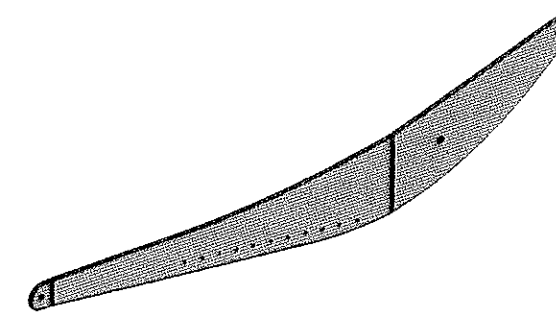
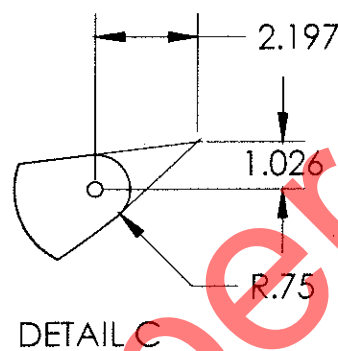
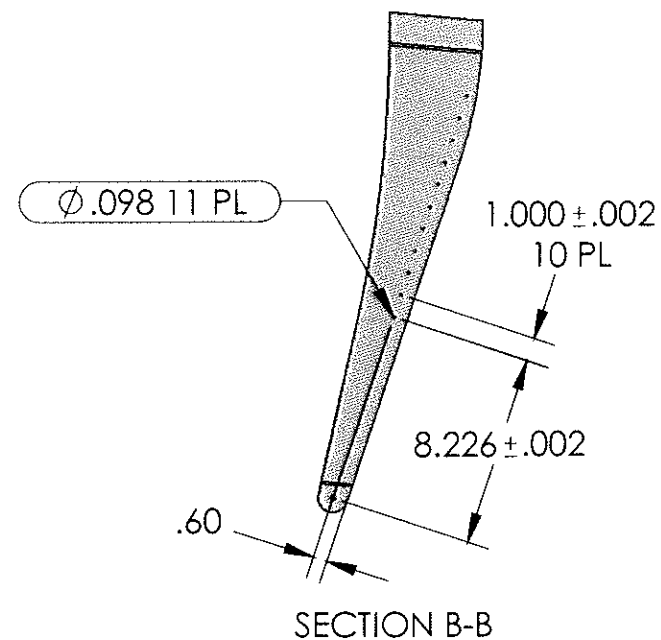
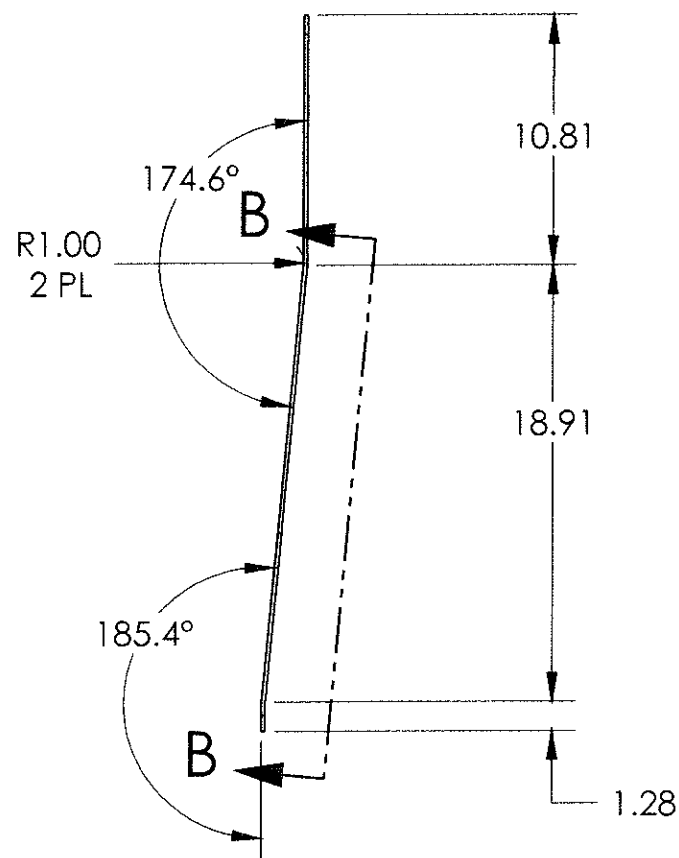
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF
APICAL INDUSTRIES ANY REPRODUCTION IN PART OR WHOLE WITHOUT
THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.



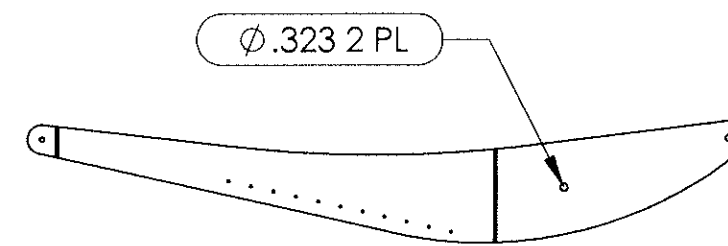
SECTION A-A

ORIGINAL DATE (MO-DA-YR) 08/05/09		APICAL INDUSTRIES	
DRAWN BY J. GARDNER		2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
CHECKER P. BRAVO		SKID DEFLECTOR ASSY	
DRAWING APPROVAL P. BRAVO			
CONTRACT NO.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZ B	REV. C
		CAGE CODE 07MZ6	DWG. NO. 647.1700
		SCALE NONE	SHEET 2 OF 5

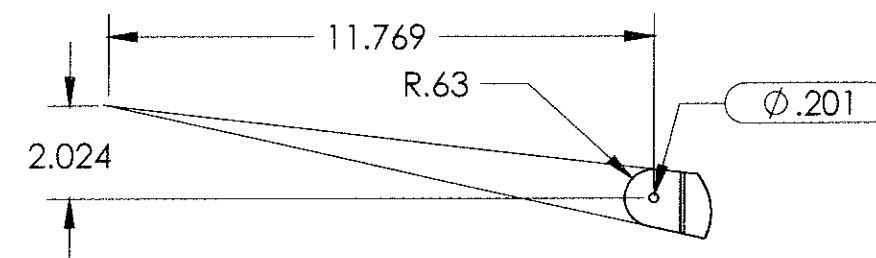
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.



647.1711 SHOWN
647.1710 OPPOSITE

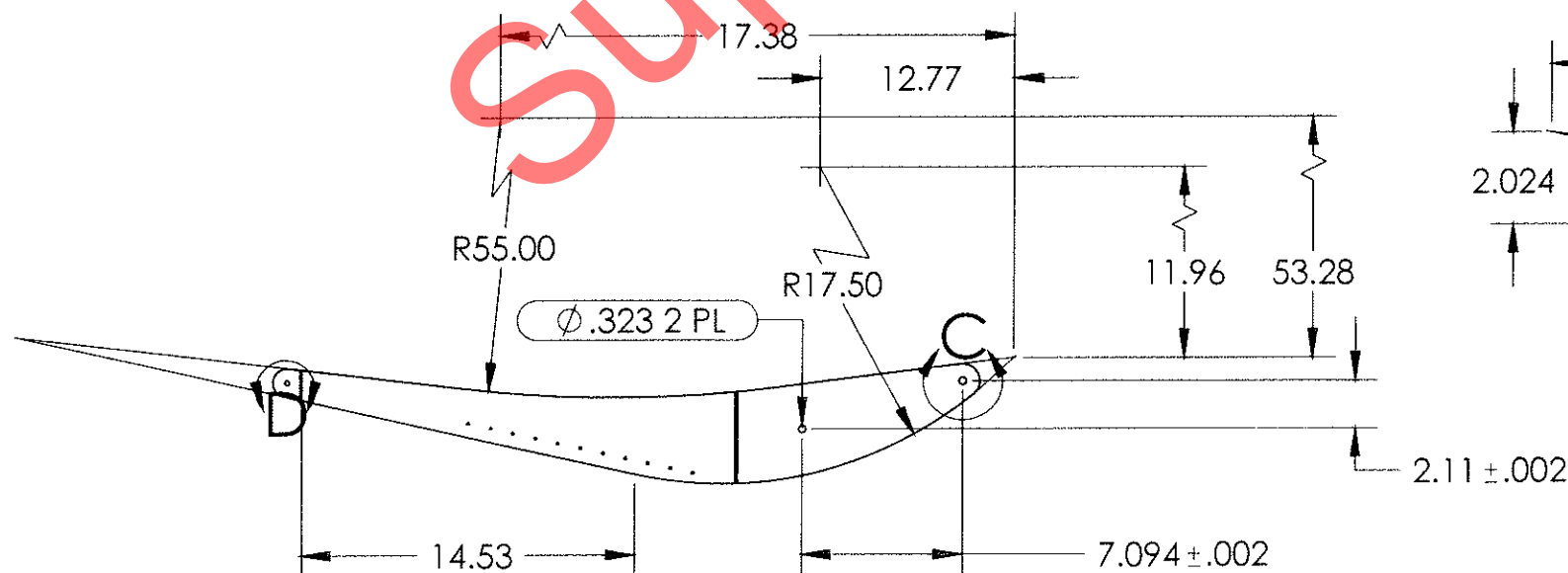


647.1714 SHOWN
647.1715 OPPOSITE

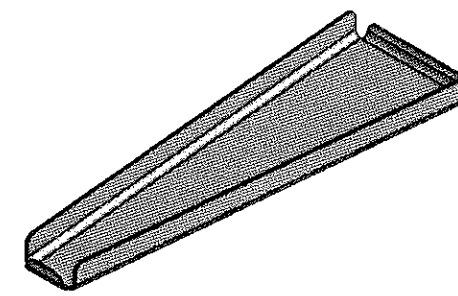


DETAIL D

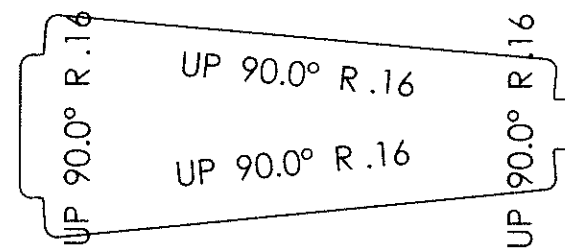
ORIGINAL DATE (MO-DA-YR) 08/05/09		APICAL INDUSTRIES	
DRAWN BY J. GARDINER		2608 TEMPLE HEIGHTS DR.	
CHECKED P. BRAVO		OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL		SKID DEFLECTOR ASSY	
P. BRAVO			
CONTRACT NO.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 1 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SHEET B	REV. C
		CAGE CODE 07MZ6	DWG. NO. 647.1700
		SCALE: NONE	SHEET 3 OF 5



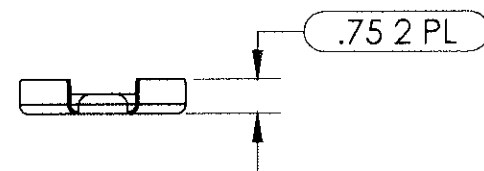
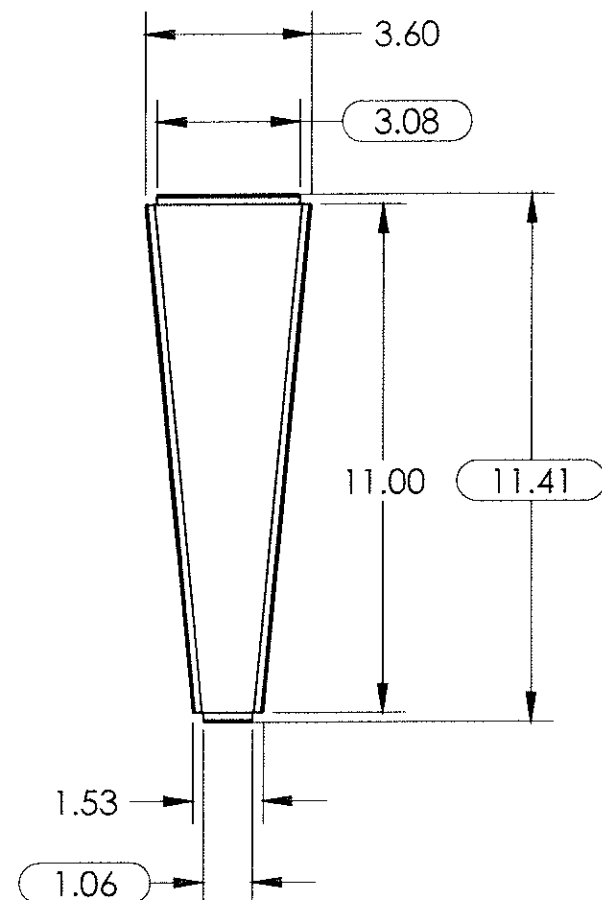
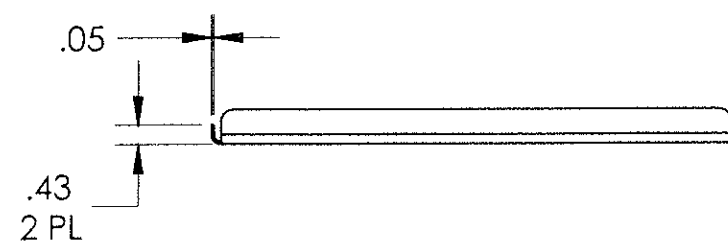
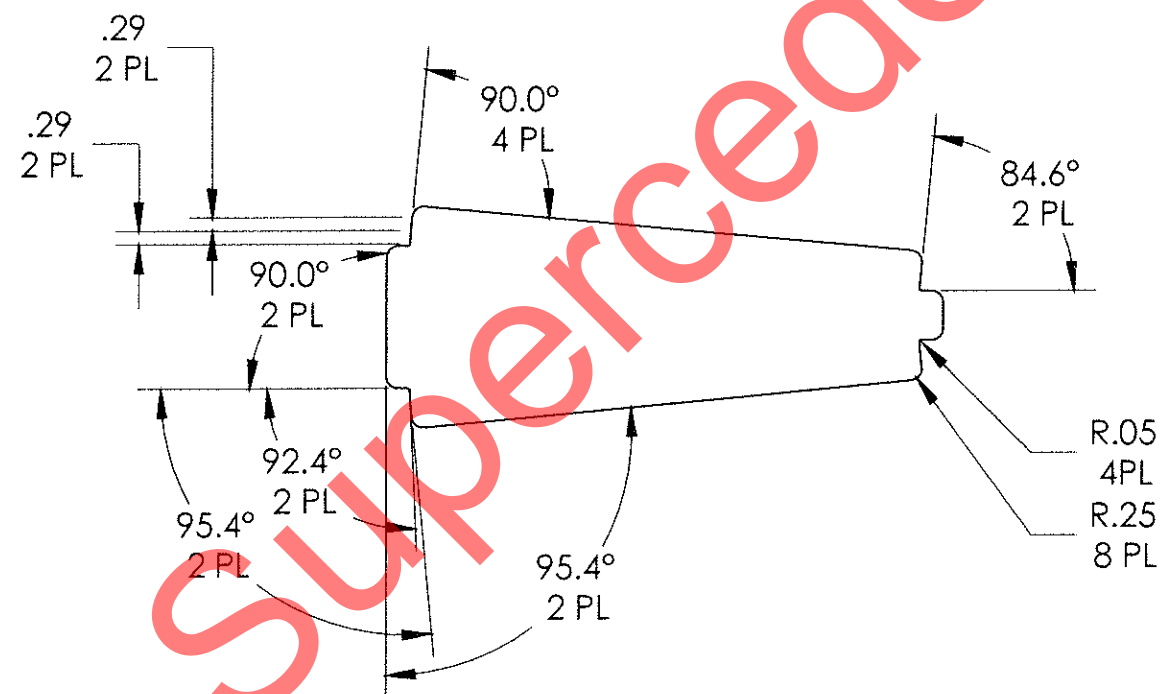
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF
APICAL INDUSTRIES ANY REPRODUCTION IN PART OR WHOLE WITHOUT
THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.



647.1712

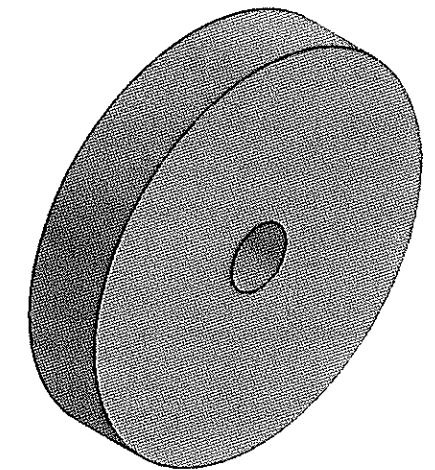
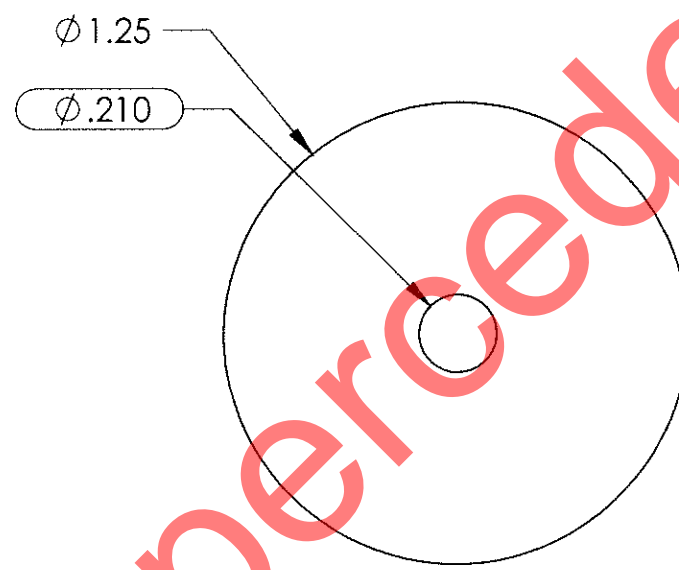
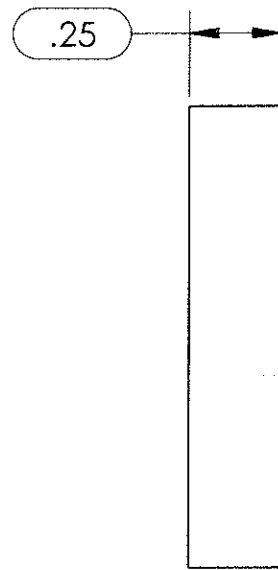


FLAT PATTERN



ORIGINAL DATE (MO./DAY/YR)	08/05/09	<h1 style="text-align: center;">APICAL INDUSTRIES</h1> <p style="text-align: center;">2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300</p>			
DRAWN BY	CHECKER				
J. GARDINER	P. BRAVO				
DRAWING APPROVAL: P. BRAVO		<h2 style="text-align: center;">SKID DEFLECTOR ASSY</h2>			
CONTRACT NO.					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.1		SIZE	CAGE CODE	DWG. NO.	REV.
		B	07M26	647.1700	C
		SCALE NONE		SHEET	4 OF 5

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF
APICAL INDUSTRIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT
THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.



647.1713

ORIGINAL DATE (MO-DA-YR) 08/05/09		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY J. CARDINER	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO		SKID DEFLECTOR ASSY	
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SIZE B	REV C
		CAGE CODE 07M26	DWG. NO. 647.1700
		SCALE NONE	SHEET 5 OF 5